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    NEWS 1   Web Page URLs for STN Seminar Schedule - N. America
    NEWS 2   "Ask CAS" for self-help around the clock
    NEWS 3 DEC 23   New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
                      USPAT2
    NEWS 4 JAN 13   IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
    NEWS 5 JAN 13   New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
                      INPADOC
    NEWS 6 JAN 17   Pre-1988 INPI data added to MARPAT
    NEWS 7 JAN 17   IPC 8 in the WPI family of databases including WPIFV
    NEWS 8 JAN 30   Saved answer limit increased
    NEWS 9 FEB 21   STN AnaVist, Version 1.1, lets you share your STN AnaVist
                      visualization results
    NEWS 10 FEB 22   The IPC thesaurus added to additional patent databases on STN
    NEWS 11 FEB 22   Updates in EPFULL; IPC 8 enhancements added
    NEWS 12 FEB 27   New STN AnaVist pricing effective March 1, 2006
    NEWS 13 FEB 28   MEDLINE/LMEDLINE reload improves functionality
    NEWS 14 FEB 28   TOXCENTER reloaded with enhancements
    NEWS 15 FEB 28   REGISTRY/ZREGISTRY enhanced with more experimental spectral
                      property data
    NEWS 16 MAR 01   INSPEC reloaded and enhanced
    NEWS 17 MAR 03   Updates in PATDPA; addition of IPC 8 data without attributes
    NEWS 18 MAR 08   X.25 communication option no longer available after June 2006
    NEWS 19 MAR 22   EMBASE is now updated on a daily basis
    NEWS 20 APR 03   New IPC 8 fields and IPC thesaurus added to PATDPAFULL
    NEWS 21 APR 03   Bibliographic data updates resume; new IPC 8 fields and IPC
                      thesaurus added in PCTFULL
    NEWS 22 APR 04   STN AnaVist $500 visualization usage credit offered
    NEWS 23 APR 12   LINSPEC, learning database for INSPEC, reloaded and enhanced
    NEWS 24 APR 12   Improved structure highlighting in FQHIT and QHIT display
                      in MARPAT
    NEWS 25 APR 12   Derwent World Patents Index to be reloaded and enhanced during
                      second quarter; strategies may be affected

    NEWS EXPRESS   FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
                    CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
                    AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
                    V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
                    http://download.cas.org/express/v8.0-Discover/

    NEWS HOURS   STN Operating Hours Plus Help Desk Availability
    NEWS LOGIN   Welcome Banner and News Items
    NEWS IPC8   For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

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FILE 'HOME' ENTERED AT 12:10:08 ON 20 APR 2006

=> file medline, agricola, caba, caplus, biosis, biotechno
COST IN U.S. DOLLARS                                   SINCE FILE      TOTAL
                                                         ENTRY        SESSION
FULL ESTIMATED COST                                      0.21          0.21

FILE 'MEDLINE' ENTERED AT 12:10:44 ON 20 APR 2006

FILE 'AGRICOLA' ENTERED AT 12:10:44 ON 20 APR 2006

FILE 'CABA' ENTERED AT 12:10:44 ON 20 APR 2006
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FILE 'CAPLUS' ENTERED AT 12:10:44 ON 20 APR 2006
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FILE 'BIOTECHNO' ENTERED AT 12:10:44 ON 20 APR 2006
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=> s (babiychuk, e? or babiychuk e?)/au
L1         208 (BABIYCHUK, E? OR BABIYCHUK E?)/AU

=> s (kushnir, s? or kushnir s?)/au
L2         389 (KUSHNIR, S? OR KUSHNIR S?)/AU

=> s (block, n? or block n?)/au
L3         439 (BLOCK, N? OR BLOCK N?)/AU

=> s l1 and l2 and l3
L4           0 L1 AND L2 AND L3

=> s l1 or l2 or l3
L5         912 L1 OR L2 OR L3

=> s parp or adprt or (poly(w)adp(w)ribose(w)polymerase) or (poly(w)adp(w)ribose(w)transferase)
L6       20207 PARP OR ADPRT OR (POLY(W) ADP(W) RIBOSE(W) POLYMERASE) OR (POLY(
               W) ADP(W) RIBOSE(W) TRANSFERASE)

=> s (block, m? or block m?)/au
L7        2413 (BLOCK, M? OR BLOCK M?)/AU

=> s l1 and l2 and l7
L8           0 L1 AND L2 AND L7

=> s l1 or l2 or l7
L9        2886 L1 OR L2 OR L7

=> s l6 and l9
L10         30 L6 AND L9

=> duplicate remove l10
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE?  Y/(N):n
PROCESSING COMPLETED FOR L10
L11          9 DUPLICATE REMOVE L10 (21 DUPLICATES REMOVED)

=> d l11 1-9 ti

L11  ANSWER 1 OF 9  AGRICOLA  Compiled and distributed by the National
     Agricultural Library of the Department of Agriculture of the United States
     of America.  It contains copyrighted materials.  All rights reserved.
     (2006) on STN                                      DUPLICATE 1
TI   Poly(ADP-ribose) polymerase in
     plants affects energy homeostasis, cell death and stress tolerance.
```

L11 ANSWER 2 OF 9 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI   Methods and means to modulate programmed cell death in eukaryotic cells.

L11 ANSWER 3 OF 9   MEDLINE on STN   DUPLICATE 2
TI   Arabidopsis coactivator ALY-like proteins, DIP1 and DIP2, interact
     physically with the DNA-binding domain of the Zn-finger **poly**(
     ADP-ribose) polymerase.

L11 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 3
TI   N-terminal domains of plant poly(ADP-ribose) polymerases define their
     association with mitotic chromosomes

L11 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
TI   Modulation of programmed cell death in eukaryotic cells with **poly**
     (ADP ribose) polymerase-encoding nucleic
     acids

L11 ANSWER 6 OF 9   MEDLINE on STN   DUPLICATE 4
TI   Higher plants possess two structurally different poly(ADP-ribose)
     polymerases.

L11 ANSWER 7 OF 9   MEDLINE on STN   DUPLICATE 5
TI   The involvement of **poly(ADP-ribose)**
     polymerase in the oxidative stress responses in plants.

L11 ANSWER 8 OF 9 AGRICOLA Compiled and distributed by the National
     Agricultural Library of the Department of Agriculture of the United States
     of America. It contains copyrighted materials. All rights reserved.
     (2006) on STN   DUPLICATE 6
TI   The development of a nuclear male sterility system in wheat. Expression of
     the barnase gene under the control of tapetum specific promoters.

L11 ANSWER 9 OF 9   MEDLINE on STN   DUPLICATE 7
TI   Characterization of an Arabidopsis thaliana cDNA homologue to animal
     poly(ADP-ribose) polymerase.

=> d l11 1-9 bib

L11 ANSWER 1 OF 9 AGRICOLA Compiled and distributed by the National
     Agricultural Library of the Department of Agriculture of the United States
     of America. It contains copyrighted materials. All rights reserved.
     (2006) on STN   DUPLICATE 1
AN   2005:33071 AGRICOLA
DN   IND43693484
TI   **Poly(ADP-ribose) polymerase** in
     plants affects energy homeostasis, cell death and stress tolerance.
AU   **Block, M. de;** Verduyn, C.; Brouwer, D. de; Cornelissen, M.
AV   DNAL (QK710.P68)
SO   Plant journal, 2005 Jan. Vol. 41, no. 1 p. 95-106
     ISSN: 0960-7412
NTE Includes references
DT   Article
FS   Non-US
LA   English

L11 ANSWER 2 OF 9 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
AN   2004:165149 BIOSIS
DN   PREV200400168906
TI   Methods and means to modulate programmed cell death in eukaryotic cells.
AU   **Babiychuk, Elena** [Inventor, Reprint Author]; **Kushnir,**
     Sergei [Inventor]; De Block, Marc [Inventor]
CS   Gent, Belgium
     ASSIGNEE: Bayer Bioscience N.V., Belgium
PI   US 6693185 20040217
SO   Official Gazette of the United States Patent and Trademark Office Patents,
     (Feb 17 2004) Vol. 1279, No. 3. http://www.uspto.gov/web/menu/patdata.html
     . e-file.
     ISSN: 0098-1133 (ISSN print).

DT   Patent
LA   English
ED   Entered STN: 24 Mar 2004
      Last Updated on STN: 24 Mar 2004

L11   ANSWER 3 OF 9   MEDLINE on STN   DUPLICATE 2
AN   2001376828   MEDLINE
DN   PubMed ID: 11432957
TI   Arabidopsis coactivator ALY-like proteins, DIP1 and DIP2, interact
      physically with the DNA-binding domain of the Zn-finger poly(
      ADP-ribose) polymerase.
AU   Storozhenko S; Inze D; Van Montagu M; Kushnir S
CS   Vakgroep Moleculaire Genetica, Departement Plantengenetica, Vlaams
      Interuniversitair Instituut voor Biotechnologie, Universiteit Gent, KL
      Ledeganckstraat 35, B-9000 Gent, Belgium.
SO   Journal of experimental botany, (2001 Jun) Vol. 52, No. 359, pp. 1375-80.
      Journal code: 9882906. ISSN: 0022-0957.
CY   England: United Kingdom
DT   Journal; Article; (JOURNAL ARTICLE)
LA   English
FS   Priority Journals
OS   GENBANK-AJ278492; GENBANK-AJ278493
EM   200110
ED   Entered STN: 20011008
      Last Updated on STN: 20011008
      Entered Medline: 20011004

L11   ANSWER 4 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN   DUPLICATE 3
AN   2001:926076 CAPLUS
DN   137:89186
TI   N-terminal domains of plant poly(ADP-ribose) polymerases define their
      association with mitotic chromosomes
AU   Babiychuk, Elena; Van Montagu, Marc; Kushnir, Sergei
CS   Vakgroep Moleculaire Genetica, Departement Plantengenetica, Vlaams
      Interuniversitair Instituut voor Biotechnologie, Universiteit Gent, Ghent,
      B-9000, Belg.
SO   Plant Journal (2001), 28(3), 245-255
      CODEN: PLJUED; ISSN: 0960-7412
PB   Blackwell Science Ltd.
DT   Journal
LA   English
RE.CNT 46   THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11   ANSWER 5 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
AN   2000:68582 CAPLUS
DN   132:118324
TI   Modulation of programmed cell death in eukaryotic cells with poly
      (ADP ribose) polymerase-encoding nucleic
      acids
IN   Babiychuk, Elena; Kushnir, Sergei; De Block, Marc
PA   Plant Genetic Systems N.V., Belg.
SO   PCT Int. Appl., 126 pp.
      CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
      PATENT NO.   KIND   DATE   APPLICATION NO.   DATE
      ---------------   ----   --------   --------------------   --------
PI   WO 2000004173   A1   20000127   WO 1999-EP4940   19990712
         W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,
             DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
             JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
             MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
             TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD,
             RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
             ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
             CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
      US 2001011381   A1   20010802   US 1998-118276   19980717

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      US 6693185            B2      20040217
      CA 2333432            AA      20000127    CA 1999-2333432          19990712
      AU 9949103            A1      20000207    AU 1999-49103            19990712
      AU 766672      .      B2      20031023
      EP 1100936            A1      20010523    EP 1999-932877           19990712
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO
      JP 2002520062         T2      20020709    JP 2000-560270           19990712
      US 2004128704         A1      20040701    US 2003-705197           20031112
PRAI  US 1998-118276        A       19980717
      WO 1999-EP4940        W       19990712
RE.CNT  10      THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
                ALL CITATIONS AVAILABLE IN THE RE FORMAT
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L11   ANSWER 6 OF 9   MEDLINE on STN   DUPLICATE 4
AN   1998451868   MEDLINE
DN   PubMed ID: 9778846
TI   Higher plants possess two structurally different poly(ADP-ribose)
       polymerases.
AU   **Babiychuk E**; Cottrill P B; Storozhenko S; Fuangthong M; Chen Y;
       O'Farrell M K; Van Montagu M; Inze D; **Kushnir S**
CS   Departement Genetica, Vlaams Interuniversitair Instituut voor
       Biotechnologie (VIB), Universiteit Gent, Belgium.
SO   The Plant journal : for cell and molecular biology, (1998 Sep) Vol. 15,
       No. 5, pp. 635-45.
       Journal code: 9207397. ISSN: 0960-7412.
CY   ENGLAND: United Kingdom
DT   Journal; Article; (JOURNAL ARTICLE)
LA   English
FS   Priority Journals
OS   GENBANK-AJ222588; GENBANK-Z48243
EM   199811
ED   Entered STN: 19990106
       Last Updated on STN: 19990106
       Entered Medline: 19981105

L11   ANSWER 7 OF 9   MEDLINE on STN   DUPLICATE 5
AN   1999077229   MEDLINE
DN   PubMed ID: 9862413
TI   The involvement of **poly(ADP-ribose)**
       polymerase in the oxidative stress responses in plants.
AU   Amor Y; **Babiychuk E**; Inze D; Levine A
CS   Department of Plant Sciences, Institute of Life Sciences, The Hebrew
       University of Jerusalem, Israel.
SO   FEBS letters, (1998 Nov 27) Vol. 440, No. 1-2, pp. 1-7.
       Journal code: 0155157. ISSN: 0014-5793.
CY   Netherlands
DT   Journal; Article; (JOURNAL ARTICLE)
LA   English
FS   Priority Journals
EM   199901
ED   Entered STN: 19990128
       Last Updated on STN: 19990128
       Entered Medline: 19990111

L11   ANSWER 8 OF 9 AGRICOLA Compiled and distributed by the National
       Agricultural Library of the Department of Agriculture of the United States
       of America. It contains copyrighted materials. All rights reserved.
       (2006) on STN   DUPLICATE 6
AN   1998:18711 AGRICOLA
DN   IND20620040
TI   The development of a nuclear male sterility system in wheat. Expression of
       the barnase gene under the control of tapetum specific promoters.
AU   **Block, M. de**; Debrouwer, D.; Moens, T.
CS   Plant Genetic Systems, Gent, Belgium.
SO   Theoretical and applied genetics, July 1997. Vol. 95, No. 1/2. p. 125-131
       Publisher: Berlin; Springer-Verlag
       CODEN: THAGA6; ISSN: 0040-5752
NTE   Includes references
CY   West Berlin

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DT      Article
FS      Non-U.S. Imprint other than FAO
LA      English

L11     ANSWER 9 OF 9      MEDLINE on STN              DUPLICATE 7
AN      95269779      MEDLINE
DN      PubMed ID: 7750552
TI      Characterization of an Arabidopsis thaliana cDNA homologue to animal
        poly(ADP-ribose) polymerase.
AU      Lepiniec L; Babiychuk E; Kushnir S; Van Montagu M;
        Inze D
CS      Laboratoire Associe de l'Institut National de la Recherche Agronomique
        (France), Gent, Belgium.
SO      FEBS letters, (1995 May 8) Vol. 364, No. 2, pp. 103-8.
        Journal code: 0155157. ISSN: 0014-5793.
CY      Netherlands
DT      Journal; Article; (JOURNAL ARTICLE)
LA      English
FS      Priority Journals
OS      GENBANK-Z48243
EM      199506
ED      Entered STN: 19950629
        Last Updated on STN: 19950629
        Entered Medline: 19950622


=> d his

        (FILE 'HOME' ENTERED AT 12:10:08 ON 20 APR 2006)

        FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
        12:10:44 ON 20 APR 2006
L1          208 S (BABIYCHUK, E? OR BABIYCHUK E?)/AU
L2          389 S (KUSHNIR, S? OR KUSHNIR S?)/AU
L3          439 S (BLOCK, N? OR BLOCK N?)/AU
L4            0 S L1 AND L2 AND L3
L5          912 S L1 OR L2 OR L3
L6        20207 S PARP OR ADPRT OR (POLY(W)ADP(W)RIBOSE(W)POLYMERASE) OR (POLY(
L7         2413 S (BLOCK, M? OR BLOCK M?)/AU
L8            0 S L1 AND L2 AND L7
L9         2886 S L1 OR L2 OR L7
L10          30 S L6 AND L9
L11           9 DUPLICATE REMOVE L10 (21 DUPLICATES REMOVED)

=> s (de(w)block, m? or de(w)block m?)/au
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'DE(W)BLOCK,'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'DE(W)BLOCK'
L12           0 (DE(W) BLOCK, M? OR DE(W) BLOCK M?)/AU

=> s (deblock, m? or deblock m? or de block, m? or de block m?)/au
L13         166 (DEBLOCK, M? OR DEBLOCK M? OR DE BLOCK, M? OR DE BLOCK M?)/AU

=> s l1 and l2 and l13
L14           2 L1 AND L2 AND L13

=> d l14 1-2 ti

L14     ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2006 ACS on STN
TI      Modulation of programmed cell death in eukaryotic cells with poly(ADP
        ribose) polymerase-encoding nucleic acids

L14     ANSWER 2 OF 2  BIOSIS  COPYRIGHT (c) 2006 The Thomson Corporation  on STN
TI      Methods and means to modulate programmed cell death in eukaryotic cells.


=> d l14 1-2 bib

L14     ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2006 ACS on STN
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```
AN      2000:68582  CAPLUS
DN      132:118324
TI      Modulation of programmed cell death in eukaryotic cells with poly(ADP
        ribose) polymerase-encoding nucleic acids
IN      Babiychuk, Elena; Kushnir, Sergei; De Block,
        Marc
PA      Plant Genetic Systems N.V., Belg.
SO      PCT Int. Appl., 126 pp.
        CODEN: PIXXD2
DT      Patent
LA      English
FAN.CNT 1
        PATENT NO.              KIND    DATE      APPLICATION NO.          DATE
        ---------------         ----    --------  --------------------     --------
PI      WO 2000004173           A1      20000127  WO 1999-EP4940           19990712
           W:  AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,
               DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
               JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
               MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
               TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD,
               RU, TJ, TM
           RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
               ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
               CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
        US 2001011381           A1      20010802  US 1998-118276           19980717
        US 6693185              B2      20040217
        CA 2333432              AA      20000127  CA 1999-2333432          19990712
        AU 9949103              A1      20000207  AU 1999-49103            19990712
        AU 766672               B2      20031023
        EP 1100936              A1      20010523  EP 1999-932877           19990712
           R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
               IE, SI, LT, LV, FI, RO
        JP 2002520062           T2      20020709  JP 2000-560270           19990712
        US 2004128704           A1      20040701  US 2003-705197           20031112
PRAI    US 1998-118276          A       19980717
        WO 1999-EP4940          W       19990712
RE.CNT  10      THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
                ALL CITATIONS AVAILABLE IN THE RE FORMAT


L14     ANSWER 2 OF 2  BIOSIS   COPYRIGHT (c) 2006 The Thomson Corporation  on STN
AN      2004:165149  BIOSIS
DN      PREV200400168906
TI      Methods and means to modulate programmed cell death in eukaryotic cells.
AU      Babiychuk, Elena [Inventor, Reprint Author]; Kushnir,
        Sergei [Inventor]; De Block, Marc [Inventor]
CS      Gent, Belgium
        ASSIGNEE: Bayer Bioscience N.V., Belgium
PI      US 6693185 20040217
SO      Official Gazette of the United States Patent and Trademark Office Patents,
        (Feb 17 2004) Vol. 1279, No. 3. http://www.uspto.gov/web/menu/patdata.html
        . e-file.
        ISSN: 0098-1133 (ISSN print).
DT      Patent
LA      English
ED      Entered STN: 24 Mar 2004
        Last Updated on STN: 24 Mar 2004


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        (FILE 'HOME' ENTERED AT 12:10:08 ON 20 APR 2006)

        FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
        12:10:44 ON 20 APR 2006
L1            208 S (BABIYCHUK, E? OR BABIYCHUK E?)/AU
L2            389 S (KUSHNIR, S? OR KUSHNIR S?)/AU
L3            439 S (BLOCK, N? OR BLOCK N?)/AU
L4              0 S L1 AND L2 AND L3
L5            912 S L1 OR L2 OR L3
L6          20207 S PARP OR ADPRT OR (POLY(W)ADP(W)RIBOSE(W)POLYMERASE) OR (POLY(
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L7            2413 S (BLOCK, M? OR BLOCK M?)/AU
L8               0 S L1 AND L2 AND L7
L9            2886 S L1 OR L2 OR L7
L10             30 S L6 AND L9
L11              9 DUPLICATE REMOVE L10 (21 DUPLICATES REMOVED)
L12              0 S (DE(W)BLOCK, M? OR DE(W)BLOCK M?)/AU
L13            166 S (DEBLOCK, M? OR DEBLOCK M? OR DE BLOCK, M? OR DE BLOCK M?)/AU
L14              2 S L1 AND L2 AND L13

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L15            507 L6 AND PLANT

=> s (plant(s)transform?) or (plant(s)transgenic) or (plant(s)recombinant) or
(plant(s)(genetically(w)modified))
L16          61109 (PLANT(S) TRANSFORM?) OR (PLANT(S) TRANSGENIC) OR (PLANT(S)
                   RECOMBINANT) OR (PLANT(S)(GENETICALLY(W) MODIFIED))

=> s 16 and 116
L17             15 L6 AND L16

=> s 11 or 12 or 113
L18            637 L1 OR L2 OR L13

=> s 117 not 118
L19             10 L17 NOT L18

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DUPLICATE PREFERENCE IS 'AGRICOLA, CABA, CAPLUS, BIOSIS'
KEEP DUPLICATES FROM MORE THAN ONE FILE?   Y/(N):n
PROCESSING COMPLETED FOR L19
L20              7 DUPLICATE REMOVE L19 (3 DUPLICATES REMOVED)

=> d 120 1-7 ti

L20   ANSWER 1 OF 7   CABA COPYRIGHT 2006 CABI on STN
TI    Applications of RNAi in crop improvement.

L20   ANSWER 2 OF 7   BIOSIS  COPYRIGHT (c) 2006 The Thomson Corporation  on STN
TI    Poly ADP-ribose polymerase gene
      and its uses.

L20   ANSWER 3 OF 7   CABA COPYRIGHT 2006 CABI on STN
TI    Tannins elevate the level of poly(ADP-ribose) in HeLa cell extracts.

L20   ANSWER 4 OF 7   CAPLUS  COPYRIGHT 2006 ACS on STN
TI    Assay for measuring a protein-modifying enzyme activity in vivo in a
      transgenic multicellular organism

L20   ANSWER 5 OF 7   CAPLUS  COPYRIGHT 2006 ACS on STN
TI    Gene encoding NADE (neurotrophin p75NTR-associated cell death executor)
      protein and uses thereof

L20   ANSWER 6 OF 7   CAPLUS  COPYRIGHT 2006 ACS on STN
TI    Cloning and sequence of poly(ADP-ribose)
      polymerase gene from maize

L20   ANSWER 7 OF 7   AGRICOLA  Compiled and distributed by the National
      Agricultural Library of the Department of Agriculture of the United States
      of America.  It contains copyrighted materials.  All rights reserved.
      (2006) on STN                                    DUPLICATE 1
TI    An evaluation of the agronomic potential of partially acidulated rock
      phosphates in calcareous soil.


=> d 120 1,2,6 bib

L20   ANSWER 1 OF 7   CABA COPYRIGHT 2006 CABI on STN
AN    2006:57694   CABA
DN    20063024765
TI    Applications of RNAi in crop improvement
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AU   Metzlaff, M.
CS   Bayer BioScience N.V., Technologiepark 38, B-9052 Gent, Belgium.
     michael.metzlaff@bayercropscience.com
SO   Pflanzenschutz-Nachrichten Bayer, (2005) Vol. 58, No. 1, pp. 51-59. 9 ref.
     Publisher: Bayer CropScience AG. Monheim
     Price: Journal article; Conference paper .
     Meeting Info.: Proceedings of the Science Forum 2004.
     ISSN: 0340-1723
     URL: http://www.bayercropscience.com
CY   Germany, Federal Republic of
DT   Journal
LA   English
SL   German; French; Spanish; Russian
ED   Entered STN: 5 Apr 2006
     Last Updated on STN: 5 Apr 2006


L20  ANSWER 2 OF 7  BIOSIS  COPYRIGHT (c) 2006 The Thomson Corporation  on STN
AN   2004:249657  BIOSIS
DN   PREV200400249613
TI   Poly ADP-ribose polymerase gene
     and its uses.
AU   Mahajan, Pramod [Inventor, Reprint Author]; Zuo, Zhuang [Inventor]
CS   Urbandale, IA, USA
     ASSIGNEE: Pioneer Hi-Bred International, Inc.
PI   US 6717033 20040406
SO   Official Gazette of the United States Patent and Trademark Office Patents,
     (Apr 6 2004) Vol. 1281, No. 1. http://www.uspto.gov/web/menu/patdata.html.
     e-file.
     ISSN: 0098-1133 (ISSN print).
DT   Patent
LA   English
ED   Entered STN: 6 May 2004
     Last Updated on STN: 6 May 2004


L20  ANSWER 6 OF 7  CAPLUS  COPYRIGHT 2006 ACS on STN
AN   1999:487405  CAPLUS
DN   131:112411
TI   Cloning and sequence of poly(ADP-ribose)
     polymerase gene from maize
IN   Mahajan, Pramod; Zuo, Zhuang
PA   Pioneer Hi-Bred International, Inc., USA
SO   PCT Int. Appl., 48 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9937789	A1	19990729	WO 1999-US1591	19990126

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         HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
         LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,
         SG, SI, SK, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW,
         AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
     RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
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         CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
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CA 2312591	AA	19990729	CA 1999-2312591	19990126
CA 2312591	C	20050419		
AU 9924705	A1	19990809	AU 1999-24705	19990126
AU 745804	B2	20020411		
EP 1051498	A1	20001115	EP 1999-904273	19990126

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US 6717033	B1	20040406	US 1999-236995	19990126
US 2004078850	A1	20040422	US 2003-650425	20030828
PRAI US 1998-72785P	P	19980127		
US 1999-236995	A1	19990126		
WO 1999-US1591	W	19990126		

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L3   439 S (BLOCK, N? OR BLOCK N?)/AU
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L7   2413 S (BLOCK, M? OR BLOCK M?)/AU
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L11   9 DUPLICATE REMOVE L10 (21 DUPLICATES REMOVED)
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L15   507 S L6 AND PLANT
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L17   15 S L6 AND L16
L18   637 S L1 OR L2 OR L13
L19   10 S L17 NOT L18
L20   7 DUPLICATE REMOVE L19 (3 DUPLICATES REMOVED)

=> s l15 and antisense
L21   8 L15 AND ANTISENSE

=> s l15 and rnai
L22   4 L15 AND RNAI

=> s l22 not l18
L23   4 L22 NOT L18

=> s l21 not l18
L24   5 L21 NOT L18

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PROCESSING COMPLETED FOR L23
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KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L24
L26   5 DUPLICATE REMOVE L24 (0 DUPLICATES REMOVED)

=> d l25 1-3 ti

L25 ANSWER 1 OF 3 CABA COPYRIGHT 2006 CABI on STN   DUPLICATE 1
TI   Applications of **RNAi** in crop improvement.

L25 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI   cDNA and protein sequences for Drosophila melanogaster **poly**-(
     ADP) ribose polymerase isoform **PARP**
     -e and uses thereof

L25 ANSWER 3 OF 3 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI   Adhesion of 8226 myeloma cell lines induces over expression of HSP70 and
     its inhibition reverses CAM-DR and acquired drug resistance in multiple
     myeloma.

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=> d l26 1-5 ti

L26   ANSWER 1 OF 5   CABA  COPYRIGHT 2006 CABI on STN
TI    First report of Phytophthora insolita and P. inflata on rhododendron in
      Ohio.

L26   ANSWER 2 OF 5   BIOSIS  COPYRIGHT (c) 2006 The Thomson Corporation  on STN
TI    Poly ADP-ribose polymerase gene
      and its uses.

L26   ANSWER 3 OF 5   CAPLUS  COPYRIGHT 2006 ACS on STN
TI    Gene encoding NADE (neurotrophin p75NTR-associated cell death executor)
      protein and uses thereof

L26   ANSWER 4 OF 5   CAPLUS  COPYRIGHT 2006 ACS on STN
TI    Cloning and sequence of poly(ADP-ribose)
      polymerase gene from maize

L26   ANSWER 5 OF 5   CAPLUS  COPYRIGHT 2006 ACS on STN
TI    Isolation, molecular cloning, characterization, sequence and therapeutical
      use of mammalian SRTA-70 (S-region transfer activity) protein


=> d his

      (FILE 'HOME' ENTERED AT 12:10:08 ON 20 APR 2006)

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L20         7 DUPLICATE REMOVE L19 (3 DUPLICATES REMOVED)
L21         8 S L15 AND ANTISENSE
L22         4 S L15 AND RNAI
L23         4 S L22 NOT L18
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L25         3 DUPLICATE REMOVE L23 (1 DUPLICATE REMOVED)
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=> file uspatfull
COST IN U.S. DOLLARS                         SINCE FILE      TOTAL
                                                ENTRY       SESSION
FULL ESTIMATED COST                            105.49       105.70


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CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 20 Apr 2006 (20060420/PD)
FILE LAST UPDATED: 20 Apr 2006 (20060420/ED)
HIGHEST GRANTED PATENT NUMBER: US7032245
HIGHEST APPLICATION PUBLICATION NUMBER: US2006085880
CA INDEXING IS CURRENT THROUGH 20 Apr 2006 (20060420/UPCA)
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=> d 128 bib

L28   ANSWER 1 OF 2   USPATFULL on STN
AN      2004:167212   USPATFULL
TI      Methods and means to modulate programmed cell death in eukaryotic cells
IN      Babiychuk, Elena, Gent, BELGIUM
           Kushnir, Sergei, Gent, BELGIUM
           Block, Marc De, Merelbeke, BELGIUM
PA      BAYER BIOSCIENCE, Gent, BELGIUM (non-U.S. corporation)
PI      US 2004128704       A1    20040701
AI      US 2003-705197      A1    20031112 (10)
RLI     Continuation of Ser. No. US 1998-118276, filed on 17 Jul 1998, GRANTED,
        Pat. No. US 6693185
DT      Utility
FS      APPLICATION
LREP    HUNTON & WILLIAMS LLP, INTELLECTUAL PROPERTY DEPARTMENT, 1900 K STREET,
        N.W., SUITE 1200, WASHINGTON, DC, 20006-1109
CLMN    Number of Claims: 35
ECL     Exemplary Claim: 1
DRWN    4 Drawing Page(s)
LN.CNT 3544
CAS INDEXING IS AVAILABLE FOR THIS PATENT.


=> d 128 2 bib

L28   ANSWER 2 OF 2   USPATFULL on STN
AN      2001:123872   USPATFULL
TI      METHODS AND MEANS TO MODULATE PROGRAMMED CELL DEATH IN EUKARYOTIC CELLS
IN      BABIYCHUK, ELENA, GENT, Belgium
           KUSHNIR, SERGEI, GENT, Belgium
           BLOCK, MARC DE, MERELBEKE, Belgium
PI      US 2001011381       A1    20010802
        US 6693185          B2    20040217
AI      US 1998-118276      A1    19980717 (9)
DT      Utility
FS      APPLICATION
LREP    NIXON PEABODY, LLP, 8180 GREENSBORO DRIVE, SUITE 800, MCLEAN, VA, 22102
CLMN    Number of Claims: 35
ECL     Exemplary Claim: 1
DRWN    4 Drawing Page(s)
LN.CNT 3562
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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L18          637 S L1 OR L2 OR L13
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L20            7 DUPLICATE REMOVE L19 (3 DUPLICATES REMOVED)
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L22            4 S L15 AND RNAI
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         14205 ADP
         15741 RIBOSE
         77653 POLYMERASE
           962 POLY(W) ADP(W) RIBOSE(W) POLYMERASE
        258519 POLY
         14205 ADP
         15741 RIBOSE
         39021 TRANSFERASE
            21 POLY(W) ADP(W) RIBOSE(W) TRANSFERASE
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=> s l29 not l28
L30         1442 L29 NOT L28

=> s l30 and antisense
         48323 ANTISENSE
L31          618 L30 AND ANTISENSE

=> s l30 and rnai
          2999 RNAI
L32          100 L30 AND RNAI

=> s l16
        245984 PLANT
        498463 TRANSFORM?
         21869 PLANT(S) TRANSFORM?
        245984 PLANT
         39291 TRANSGENIC
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            10113 PLANT(S) TRANSGENIC
           245984 PLANT
           103865 RECOMBINANT
            15702 PLANT(S) RECOMBINANT
           245984 PLANT
            51299 GENETICALLY
          1003462 MODIFIED
             1692 PLANT(S)(GENETICALLY(W) MODIFIED)
L33         28120 (PLANT(S) TRANSFORM?) OR (PLANT(S) TRANSGENIC) OR (PLANT(S)
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L34           228 L30 AND L33

=> s 134 and (antisense or rnai)
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L35           187 L34 AND (ANTISENSE OR RNAI)

=> s 134 and rnai
             2999 RNAI
L36            26 L34 AND RNAI

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L34           228 S L30 AND L33
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L36            26 S L34 AND RNAI

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